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OM protein - protein search, using SW model

Run on: March 24, 2003, 15:50:39 ; Search time 3.90303 Seconds

(without alignments)
422.155 Million cell updates/sec

Title: US-09-988-971-2_COPY_35_90

Perfect score: 288
Sequence: 1 ATAAVALGSPAGGPAELSLR.....VLSEVSGREYNIPIVHAKV 56

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :
1: /cgn2_6/ptodata/2/1aa/5A COMB.pep.*
2: /cgn2_6/ptodata/2/1aa/5B COMB.pep.*
3: /cgn2_6/ptodata/2/1aa/6A COMB.pep.*
4: /cgn2_6/ptodata/2/1aa/6B COMB.pep.*
5: /cgn2_6/ptodata/2/1aa/PCTUS COMB.pep.*
6: /cgn2_6/ptodata/2/1aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	97	33.7	499	4 US-08-426-509A-19	Sequence 19, Appl
2	97	33.7	499	5 PCT-US95-05008-19	Sequence 19, Appl
3	96	33.3	65	5 PCT-US94-01840-7	Sequence 7, Appl
4	95	33.0	58	4 US-08-630-915A-131	Sequence 131, Appl
5	95	33.0	512	4 US-08-426-509A-16	Sequence 16, Appl
6	95	33.0	512	5 PCT-US95-05008-16	Sequence 16, Appl
7	90	31.2	505	4 US-08-426-509A-17	Sequence 17, Appl
8	90	31.2	505	5 PCT-US95-05008-17	Sequence 17, Appl
9	88	30.6	346	3 US-09-173-581-3	Sequence 3, Appl
10	88	30.6	346	4 US-09-420-915-3	Sequence 3, Appl
11	88	30.6	509	3 US-09-039-555B-17	Sequence 17, Appl
12	88	30.6	509	4 US-08-426-509A-18	Sequence 18, Appl
13	88	30.6	509	4 US-09-457-040B-8	Sequence 8, Appl
14	88	30.6	509	5 PCT-US95-05008-18	Sequence 18, Appl
15	87.5	30.4	59	4 US-08-630-915A-140	Sequence 140, Appl
16	87.5	30.4	60	1 US-08-627-497-1	Sequence 1, Appl
17	87.5	30.4	533	1 US-07-820-011A-2	Sequence 2, Appl
18	87.5	30.4	533	5 PCT-US93-00445-2	Sequence 2, Appl
19	85.5	29.7	536	1 US-07-820-011A-4	Sequence 4, Appl
20	85.5	29.7	536	4 US-08-426-509A-13	Sequence 13, Appl
21	85.5	29.7	536	5 PCT-US93-00445-4	Sequence 13, Appl
22	85.5	29.7	536	5 PCT-US95-05008-13	Sequence 13, Appl
23	85.5	29.7	536	5 PCT-US93-00445-4	Sequence 13, Appl
24	84.5	29.3	54	4 US-09-346-510B-18	Sequence 18, Appl
25	84.5	29.3	543	4 US-08-426-509A-14	Sequence 14, Appl
26	83.5	29.0	59	4 PCT-US95-05008-14	Sequence 14, Appl
27	83.5	29.0	537	4 US-08-630-915A-132	Sequence 132, Appl
				4 US-08-426-509A-11	Sequence 11, Appl

28	83.5	29.0	537	5 PCT-US95-05008-11	Sequence 11, Appl
29	83	26.8	228	1 US-08-167-035-47	Sequence 47, Appl
30	83	26.8	228	1 US-08-208-887A-47	Sequence 47, Appl
31	83	26.8	228	2 US-08-539-005-47	Sequence 47, Appl
32	83	26.8	228	2 US-08-815-176-5	Sequence 5, Appl
33	83	26.8	228	4 US-09-280-598-44	Sequence 44, Appl
34	83	26.8	228	4 US-09-197-344-5	Sequence 5, Appl
35	82	26.5	59	2 US-09-006-675-4	Sequence 4, Appl
36	82	26.5	59	2 US-09-228-603A-4	Sequence 4, Appl
37	82	26.5	496	2 US-09-006-675-2	Sequence 2, Appl
38	82	26.5	496	4 US-09-228-603A-2	Sequence 2, Appl
39	81.5	26.3	536	4 US-08-426-509A-12	Sequence 12, Appl
40	81.5	26.3	536	5 PCT-US95-05008-12	Sequence 12, Appl
41	80.5	26.0	62	4 US-09-006-428A-6	Sequence 6, Appl
42	80.5	26.0	63	4 US-09-006-428A-7	Sequence 7, Appl
43	80.5	26.0	1151	3 US-08-840-006-6	Sequence 6, Appl
44	80.5	26.0	1200	3 US-08-840-006-5	Sequence 6, Appl
45	76.5	26.6	51	2 US-08-459-568-54	Sequence 54, Appl

ALIGNMENTS

RESULT 1
US-08-426-509A-19
Sequence 19, Application US/08426509A
Patent No. 6326469
GENERAL INFORMATION:
APPLICANT: Ullrich, Axel
APPLICANT: Gshizetky, Mikhail
APPLICANT: Suresh, Irmam G.
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
TITLE OF INVENTION: TYROSINE KINASES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York,
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,509A
FILING DATE: 21-Apr-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/232,545
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7663-0074-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 499 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: No. 6326469e
US-08-426-509A-19

Query Match 33.7%; Score 97; DB 4; Length 499;
Best Local Similarity 41.5%; Pred. No. 7.1e-05;
Matches 22; Conservative 7; Mismatches 24; Indels 0; Gaps 0;

Qy 4 VALGSPAGPAELSLRGLPELTVSEDDGDMWTVLSVSGREYNIPSVHAKV 56
Db 58 VALFDYAAVNDRLQVLKGEKQLQVLRSTGDMWLARSLVTRGCVPSNFVAPV 110

RESULT 2

PCT-US95-05008-19
Sequence 19, Application PC/TUS9505008

GENERAL INFORMATION:

APPLICANT: Sugen, Inc.
APPLICANT: 515 Galveston Drive
APPLICANT: Redwood City, California 94063-4720
APPLICANT: United States of America
APPLICANT: Wissenschaften E.V.
APPLICANT: Hufgarden Str. 2
APPLICANT: Munchen 80539
TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine
TITLE OF INVENTION: Kinases
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05008
FILING DATE: 24-APR-1995
CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/232,545
FILING DATE: 22-APR-1994
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7683-074
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
TELEFAX: (212)869-9741
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:
LENGTH: 499 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULAR TYPE: protein
PCT-US95-05008-19

Query Match 33.7%; Score 97; DB 5; Length 499;
Best Local Similarity 41.5%; Pred. No. 7.1e-05;

Matches 22; Conservative 7; Mismatches 24; Indels 0; Gaps 0;

Qy 4 VALGSPAGPAELSLRGLPELTVSEDDGDMWTVLSVSGREYNIPSVHAKV 56
Db 58 VALFDYAAVNDRLQVLKGEKQLQVLRSTGDMWLARSLVTRGCVPSNFVAPV 110

RESULT 3

PCT-US94-01840-7

Sequence 7, Application PC/TUS9401840

GENERAL INFORMATION:
APPLICANT: Christopher E. Rudd
APPLICANT: Praasad Kantelci

APPLICANT: Lewis Cantley
TITLE OF INVENTION: CD4 MEDIATED MODULATION OF
TITLE OF INVENTION: LIPID KINASES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/01840
FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/023,915
FILING DATE: February 26, 1993
ATTORNEY/AGENT INFORMATION:

NAME: Janis K. Fraser

REGISTRATION NUMBER: 34,819

REFERENCE/DOCKET NUMBER: 00530/063001

TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 65

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: Linear

PCT-US94-01840-7

Query Match 33.3%; Score 96; DB 5; Length 65;
Best Local Similarity 38.5%; Pred. No. 6.4e-06;

Matches 20; Conservative 8; Mismatches 24; Indels 0; Gaps 0;

Qy 4 VALGSPAGPAELSLRGLPELTVSEDDGDMWTVLSVSGREYNIPSVHAKV 55
Db 6 IALHSYSHSDGDLGPEKGEPLRLLEQSGEWMKQSLTTGQEGFIPNFVAK 57

RESULT 4

US-08-630-915A-131

Sequence 131, Application US/08630915A

Patent No. 6309820

GENERAL INFORMATION:

APPLICANT: SPARKS, Andrew B.
APPLICANT: HOFFMAN, No. 6309820h

APPLICANT: KAY, Brian K.

APPLICANT: FOWKES, Dana M.

TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL

TITLE OF INVENTION: DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND

NUMBER OF SEQUENCES: 227

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,915A
FILING DATE: 03-APR-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Mastrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 1101-174
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 58 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-630-915A-131

Query Match 33.0%; Score 95; DB 4; Length 58;
Best Local Similarity 37.7%; Pred. No. 7.5e-06;
Matches 20; Conservative 12; Mismatches 21; Indels 0; Gaps 0;

OY 4 VALGSPAGPAELSLRLGEPLTIVSEDDGMWTVLSEVSGREYNIIPSVHAKV 56
DB 6 VALPYDGIHPDDLSPKKGEMKVLSEHGEMWAKSLLTKEGFIPISNVAKL 58

RESULT 5
US-08-426-509A-16
Sequence 16, Application US/08426509A
Patent No. 6326469
GENERAL INFORMATION:
APPLICANT: Ullrich, Axel
APPLICANT: Gishizky, Michael
APPLICANT: Sures, Irman G.
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
TITLE OF INVENTION: TYROSINE KINASES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York,
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,509A
FILING DATE: 21-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/232,545
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7683-0074-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 512 amino acids
TYPE: amino acid

STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: NO. 6326469E
US-08-426-509A-16

Query Match 33.0%; Score 95; DB 4; Length 512;
Best Local Similarity 37.7%; Pred. No. 0.00014;
Matches 20; Conservative 12; Mismatches 21; Indels 0; Gaps 0;

OY 4 VALGSPAGPAELSLRLGEPLTIVSEDDGMWTVLSEVSGREYNIIPSVHAKV 56
DB 69 VALPYDGIHPDDLSPKKGEMKVLSEHGEMWAKSLLTKEGFIPISNVAKL 121

RESULT 6
PCT-US95-05008-16
Sequence 16, Application PC/TUS9505008
GENERAL INFORMATION:
APPLICANT: Sugen, Inc.
APPLICANT: 515 Galveston Drive
APPLICANT: Redwood City, California 94063-4720
APPLICANT: United States of America
APPLICANT: Wissenschaften E.V.
APPLICANT: Hofgarten Str. 2
APPLICANT: Munchen 80539
APPLICANT: Germany
TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine
TITLE OF INVENTION: Kinases
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05008
FILING DATE: 24-APR-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/232,545
FILING DATE: 22-APR-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7683-074
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 512 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
PCT-US95-05008-16

Query Match 33.0%; Score 95; DB 5; Length 512;
Best Local Similarity 37.7%; Pred. No. 0.00014;
Matches 20; Conservative 12; Mismatches 21; Indels 0; Gaps 0;

OY 4 VALGSPAGPAELSLRLGEPLTIVSEDDGMWTVLSEVSGREYNIIPSVHAKV 56
DB 69 VALPYDGIHPDDLSPKKGEMKVLSEHGEMWAKSLLTKEGFIPISNVAKL 121

RESULT 7

US-08-426-509A-17
Sequence 17, Application US/08426509A
Patent No. 6326469
GENERAL INFORMATION:
APPLICANT: Ulrich, Axel
APPLICANT: Gishizky, Mikhail
APPLICANT: Sures, Irman G.
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
TITLE OF INVENTION: TYROSINE KINASES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York,
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION NUMBER: US/08/426,509A
FILING DATE: 21-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/232,545
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7683-0074-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 505 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
US-08-426-509A-17

Query Match

31.2%; Score 90; DB 4; Length 505;
Best Local Similarity 35.8%; Pred. No. 0.00063;
Matches 19; Conservative 12; Mismatches 22; Indels 0; Gaps 0;

Qy 4 VALGSPFAGPAELSLRLGPLETIVSEDDQMTVLSEVSGREYNIPSVHAKV 56
Db 63 VALDYEAIIHEDLSFGKDDQMTVLSESGEWMKARSLATRKGYIPSNVARY 115

RESULT 8

PCT-US95-05008-17
Sequence 17, Application PC/TUS9505008
GENERAL INFORMATION:
APPLICANT: Sugan, Inc.
APPLICANT: 515 Galveston Drive
APPLICANT: Redwood City, California 94063-4720
APPLICANT: United States of America
APPLICANT: Wissenschaften E.V.
APPLICANT: Holgarten Str. 2
APPLICANT: Munchen 80539
APPLICANT: Germany
TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine
TITLE OF INVENTION: Kinases
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05008
FILING DATE: 24-APR-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/232,545
FILING DATE: 22-APR-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7683-074
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 505 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
PCT-US95-05008-17

Query Match

31.2%; Score 90; DB 5; Length 505;
Best Local Similarity 35.8%; Pred. No. 0.00063;
Matches 19; Conservative 12; Mismatches 22; Indels 0; Gaps 0;

Qy 4 VALGSPFAGPAELSLRLGPLETIVSEDDQMTVLSEVSGREYNIPSVHAKV 56
Db 63 VALDYEAIIHEDLSFGKDDQMTVLSESGEWMKARSLATRKGYIPSNVARY 115

RESULT 9

US-09-173-581-3
Sequence 3, Application US/09173581A
Patent No. 6013455
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Tang, Y. Tom
APPLICANT: Hillman, Jennifer L.
APPLICANT: Yue, Henry
APPLICANT: Guegler, Karl J.
APPLICANT: Corley, Neil C.
APPLICANT: Gorsone, Gina
APPLICANT: Azimzal, Yalda
APPLICANT: Lu, Aina
TITLE OF INVENTION: Protein Kinase Homologs
FILE REFERENCE: PP-0614 US
CURRENT APPLICATION NUMBER: US/09/173,581A
CURRENT FILING DATE: 1998-10-15
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PERL Program
SEQ ID NO 3
LENGTH: 346
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: 507669
US-09-173-581-3

Query Match 30.6%; Score 88; DB 3; Length 346;
Best Local Similarity 36.5%; Pred. No. 0.0007;
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

Qy 4 VALGSPAGGPAELSLRLGEPITVSESDGMWTVLSEVSGREYNIPSVYAK 55
Db 67 IALHSYPSHDDLGFEKGEQRLILQSGEMWKAQSLTTGGGFIPIFNPAK 118

RESULT 10
US-09-420-915-3
Sequence 3, Application US/09420915

Patent No. 6264947
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Tang, Y. Tom
APPLICANT: Hillman, Jennifer L.
APPLICANT: Yue, Henry
APPLICANT: Guebler, Karl J.
APPLICANT: Corley, Neil C.
APPLICANT: Gorgone, Gina
APPLICANT: Azimzai, Yalda
APPLICANT: Lu, Aina
TITLE OF INVENTION: Protein Kinase Homologs
FILE REFERENCE: PP-0614 US
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/173,581
EARLIER FILING DATE: 1998-10-15
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PERL Program
SEQ ID NO 3
LENGTH: 346
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE: -
OTHER INFORMATION: 507669
US-09-420-915-3

Query Match 30.6%; Score 88; DB 4; Length 346;
Best Local Similarity 36.5%; Pred. No. 0.0007;
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

Qy 4 VALGSPAGGPAELSLRLGEPITVSESDGMWTVLSEVSGREYNIPSVYAK 55
Db 67 IALHSYPSHDDLGFEKGEQRLILQSGEMWKAQSLTTGGGFIPIFNPAK 118

RESULT 11

US-09-039-555B-17
Sequence 17, Application US/09039555B
Patent No. 6033856
GENERAL INFORMATION:
APPLICANT: Koerner, Kathrin
APPLICANT: Mueller, Rolf
APPLICANT: Sadiack, Hans-Harald
TITLE OF INVENTION: PROMOTER OF THE CDC25B GENE, ITS
FILING DATE: 21-APR-1995
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/039,555B

FILING DATE: 16-MAR-1998

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 19710643.9

FILING DATE: 14-MAR-1997

ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.

REGISTRATION NUMBER: 29,768

REFERENCE/DOCKET NUMBER: 016779/0131

TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300

TELEFAX: (202) 672-5399

TELEX: 904136

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 509 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-039-555B-17
Query Match 30.6%; Score 88; DB 3; Length 509;
Best Local Similarity 36.5%; Pred. No. 0.0012;
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

Qy 4 VALGSPAGGPAELSLRLGEPITVSESDGMWTVLSEVSGREYNIPSVYAK 55
Db 67 IALHSYPSHDDLGFEKGEQRLILQSGEMWKAQSLTTGGGFIPIFNPAK 118

RESULT 12

US-08-426-509A-18
Sequence 18, Application US/08426509A
Patent No. 6326465
GENERAL INFORMATION:
APPLICANT: Ulrich, Axel
APPLICANT: Glahizsky, Mikhail
APPLICANT: Sures, Irman G.
TITLE OF INVENTION: NOVEL MEKAKARYOCYTIC PROTEIN
FILING DATE: 21-APR-1995
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Penne & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York,
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,509A
FILING DATE: 21-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/232,545
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7683-0074-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
TELEX: 66141 PENNE
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 509 amino acids
TYPE: amino acid

STRANDEDNESS: unknown
TOPOLOGY: unknown
US-08-426-509A-18

Query Match
Best Local Similarity 30.6%; Score 88; DB 4; Length 509;
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

Qy 4 VALGSPAGPAELSLRLGEPLTIVSEDDGMWTVLSEVSGREYNIPSVHAK 55
Db 67 IALHSYPSHDGDLGFEKGEQLRLLEQSGEMWKAQSLTTGGEGFIPFNFAK 118

RESULT 13
US-09-457-040B-8
Sequence 8, Application US/09457040B
Patent No. 6387641
GENERAL INFORMATION:
APPLICANT: Vertex Pharmaceuticals Incorporated
APPLICANT: Bellon, Steve
TITLE OF INVENTION: Crystallized P38 Complexes
FILE REFERENCE: VPI/98-14
CURRENT APPLICATION NUMBER: US/09/457,040B
CURRENT FILING DATE: 1999-12-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patent in version 3.0
SEQ ID NO 8
LENGTH: 509
TYPE: PRT
ORGANISM: Human
US-09-457-040B-8

Query Match
Best Local Similarity 30.6%; Score 88; DB 4; Length 509;
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

Qy 4 VALGSPAGPAELSLRLGEPLTIVSEDDGMWTVLSEVSGREYNIPSVHAK 55
Db 67 IALHSYPSHDGDLGFEKGEQLRLLEQSGEMWKAQSLTTGGEGFIPFNFAK 118

RESULT 14
PCT-US95-05008-18
Sequence 18, Application PC/TUS9505008
GENERAL INFORMATION:
APPLICANT: Sugen, Inc.
APPLICANT: 515 Galveston Drive
APPLICANT: Redwood City, California 94063-4720
APPLICANT: United States of America
APPLICANT: Wisneschatten E.V.
APPLICANT: Hotgarten Str. 2
APPLICANT: Munchen 80539
TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine
TITLE OF INVENTION: Kinases
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05008
FILING DATE: 24-APR-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/232,545
FILING DATE: 22-APR-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7683-074
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 509 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
PCT-US95-05008-18

Query Match
Best Local Similarity 30.6%; Score 88; DB 5; Length 509;
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

Qy 4 VALGSPAGPAELSLRLGEPLTIVSEDDGMWTVLSEVSGREYNIPSVHAK 55
Db 67 IALHSYPSHDGDLGFEKGEQLRLLEQSGEMWKAQSLTTGGEGFIPFNFAK 118

RESULT 15
US-08-630-915A-140
Sequence 140, Application US/08630915A
Patent No. 6309820
GENERAL INFORMATION:
APPLICANT: SPARKS, Andrew B.
APPLICANT: HOFFMAN, No. 6309820h
APPLICANT: KAY, Brian K.
APPLICANT: FOWLES, Dana M.
APPLICANT: MCCONNELL, Stephen J.
TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL
TITLE OF INVENTION: DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND
NUMBER OF SEQUENCES: 227
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,915A
FILING DATE: 03-APR-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Mispock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 1101-174
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 140:
SEQUENCE CHARACTERISTICS:
LENGTH: 59 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown

